

Component Documentation

The Header component is a flexible, responsive layout component designed to create consistent application headers and navigation bars. It features a three-column layout system with content projection, multiple theme variants, and intelligent responsive behavior that adapts to different screen sizes.

The component provides a structured approach to building headers with left, center, and right content sections, making it ideal for logos, navigation menus, search bars, user actions, and other header elements.

How to use

Basic Usage

Simple header with logo, navigation, and user actions.

```

<aava-header containerClass="">
  <div left-content class="header__left">
    <div class="logo"></div>
  </div>

  <div center-content class="header__center tabs-header">
    <aava-tabs
      [tabs]="iconsTabs"
      [activeTabId]="activeTabId"
      variant="default"
      size="sm"
      [showContentPanels]="false"
      (tabChange)="onTabChange($event)"
      ariaLabel="Basic navigation tabs"
    ></aava-tabs>
  </div>

  <div right-content class="header__right">
    <div class="search-box">
      <aava-icon iconName="search" [iconSize]="16" iconColor="#000"></aava-icon>
      <input
        type="text"
        [(ngModel)]="searchText"
        (input)="onSearchChange()"
        placeholder="Search"
      />
    </div>

    <aava-icon
      class="icon"
      iconName="Sun"
      [iconSize]="20"
      [iconColor]="getIconColor"
      (click)="onGraphIconClick()"
    ></aava-icon>
    <aava-icon
      class="icon"
      iconName="Languages"
      [iconSize]="20"
      [iconColor]="getIconColor"
      (click)="onTranslateIconClick()"
    ></aava-icon>
    <aava-icon
      class="icon"
      iconName="EllipsisVertical"
      [iconSize]="20"
      [iconColor]="getIconColor"
      (click)="onDayLightModeIconClick()"
    ></aava-icon>

    <aava-avatars
      size="md"
      shape="square"
      [imageUrl]="getLoggedInUserLogo()"
      badgeState="high-priority"
      badgeSize="lg"
      [badgeCount]="9"
    ></aava-avatars>
  </div>
</aava-header>

```

```
--  
  
logoUrl: string = "assets/asc-logo.png";  
activeTabId: string = 'overview';  
  
private baseIconsTabs: DemoTabItem[] = [  
  {  
    id: 'tab1',  
    label: 'Tab1',  
    content: 'Content 1',  
    iconName: 'chevron-right',  
  },  
  {  
    id: 'tab2',  
    label: 'Tab2',  
    content: 'Content 2',  
    iconName: 'chevron-right',  
  },  
  {  
    id: 'tab3',  
    label: 'Tab3',  
    content: 'Content 3',  
    iconName: 'chevron-right',  
  },  
  {  
    id: 'tab4',  
    label: 'Tab4',  
    content: 'Content 4',  
    iconName: 'chevron-right',  
  },  
];  
  
accounts = [  
  {  
    companyName: 'ASCENDION',  
    email: 'Jhon.Stark@Ascendion.com',  
    companyLogo: 'assets/logos/dlogo.svg',  
    userLogo: 'assets/1.svg',  
    isLoggedIn: true,  
  },  
  {  
    companyName: 'Axos',  
    email: 'Akash.Kumar@Axos.com',  
    companyLogo: 'assets/logos/dlogo.svg',  
    userLogo: 'assets/1.svg',  
    isLoggedIn: false,  
  },  
];  
get iconsTabs(): TabItem[] {  
  return this.baseIconsTabs.map((tab) => ({  
    ...tab,  
    active: tab.id === this.activeTabId,  
  }));  
}  
  
get getIconColor(): string {  
  return '#000';  
}  
  
onTabChange(event: any) {
```

```
    this.activeTabId = event.id;
}

onSearchChange() {
  console.log('Search text changed:', this.searchText);
}

onGraphIconClick() {
  console.log('Graph Icon Clicked');
}

onTranslateIconClick() {
  console.log('Translate Icon Clicked');
}

onDayLightModeIconClick() {
  console.log('Day Light Mode Icon Clicked');
}

getLoggedInUserLogo(): string {
  const loggedInAccount = this.accounts.find((account) => account.isLoggedIn);
  return loggedInAccount ? loggedInAccount.userLogo : 'assets/1.svg';
}
```

Variations

Without Navigation

```

<aava-header containerClass="">
  <div left-content class="header_left">
    <div class="logo"></div>
  </div>

  <div right-content class="header_right">
    <div class="search-box">
      <aava-icon iconName="search" [iconSize]="16" iconColor="#000"></aava-icon>
      <input
        type="text"
        [(ngModel)]="searchText"
        (input)="onSearchChange()"
        placeholder="Search"
      />
    </div>

    <aava-icon
      class="icon"
      iconName="Sun"
      [iconSize]="20"
      [iconColor]="getIconColor"
      (click)="onGraphIconClick()"
    ></aava-icon>

    <aava-icon
      class="icon"
      iconName="Languages"
      [iconSize]="20"
      [iconColor]="getIconColor"
      (click)="onTranslateIconClick()"
    ></aava-icon>

    <aava-icon
      class="icon"
      iconName="EllipsisVertical"
      [iconSize]="20"
      [iconColor]="getIconColor"
      (click)="onDayLightModeIconClick()"
    ></aava-icon>

    <aava-avatars
      size="md"
      shape="square"
      [imageUrl]="getLoggedInUserLogo()"
      badgeState="low-priority"
      badgeSize="lg"
      [badgeCount]="9"
    ></aava-avatars>
  </div>
</aava-header>

---

logoUrl: string = "assets/asc-logo.png";

accounts = [
  {
    companyName: 'ASCENDION',
    email: 'Jhon.Stark@Ascendion.com',
    companyLogo: 'assets/logos/dlogo.svg',

```

```

        userLogo: 'assets/1.svg',
        isLoggedIn: true,
    },
    {
        companyName: 'Axos',
        email: 'Akash.Kumar@Axos.com',
        companyLogo: 'assets/logos/dlogo.svg',
        userLogo: 'assets/1.svg',
        isLoggedIn: false,
    },
];

get iconsTabs(): TabItem[] {
    return this.baseIconsTabs.map((tab) => ({
        ...tab,
        active: tab.id === this.activeTabId,
    }));
}

get getIconColor(): string {
    return '#000';
}

onSearchChange() {
    console.log('Search text changed:', this.searchText);
}

onGraphIconClick() {
    console.log('Graph Icon Clicked');
}

onTranslateIconClick() {
    console.log('Translate Icon Clicked');
}

onDayLightModeIconClick() {
    console.log('Day Light Mode Icon Clicked');
}

getLoggedInUserLogo(): string {
    const loggedInAccount = this.accounts.find((account) => account.isLoggedIn);
    return loggedInAccount ? loggedInAccount.userLogo : 'assets/1.svg';
}

```

A compact header layout that omits the navigation section—ideal for minimal pages or dashboards.

Without Search

```

<aava-header containerClass="">
  <div left-content class="header__left">
    <div class="logo"></div>
  </div>

  <div center-content class="header__center tabs-header">
    <aava-tabs
      [tabs]="iconsTabs"
      [activeTabId]="activeTabId"
      variant="default"
      size="sm"
      [showContentPanels]="false"
      (tabChange)="onTabChange($event)"
      ariaLabel="Basic navigation tabs"
    ></aava-tabs>
  </div>

  <div right-content class="header__right">
    <aava-icon
      class="icon"
      iconName="Sun"
      [iconSize]="20"
      [iconColor]="getIconColor"
      (click)="onGraphIconClick()"
    ></aava-icon>

    <aava-icon
      class="icon"
      iconName="Languages"
      [iconSize]="20"
      [iconColor]="getIconColor"
      (click)="onTranslateIconClick()"
    ></aava-icon>

    <aava-icon
      class="icon"
      iconName="EllipsisVertical"
      [iconSize]="20"
      [iconColor]="getIconColor"
      (click)="onDayLightModeIconClick()"
    ></aava-icon>

    <aava-avatars
      size="md"
      shape="square"
      [imageUrl]="getLoggedInUserLogo()"
      badgeState="medium-priority"
      badgeSize="lg"
      [badgeCount]="9"
    ></aava-avatars>
  </div>
</aava-header>

```

```

logoUrl: string = "assets/asc-logo.png";
activeTabId: string = 'overview';

private baseIconsTabs: DemoTabItem[] = [
  {

```

```

        id: 'tab1',
        label: 'Tab1',
        content: 'Content 1',
        iconName: 'chevron-right',
    },
{
    id: 'tab2',
    label: 'Tab2',
    content: 'Content 2',
    iconName: 'chevron-right',
},
{
    id: 'tab3',
    label: 'Tab3',
    content: 'Content 3',
    iconName: 'chevron-right',
},
{
    id: 'tab4',
    label: 'Tab4',
    content: 'Content 4',
    iconName: 'chevron-right',
},
];

```

```

accounts = [
{
    companyName: 'ASCENDION',
    email: 'Jhon.Stark@Ascendion.com',
    companyLogo: 'assets/logos/dlogo.svg',
    userLogo: 'assets/1.svg',
    isLoggedIn: true,
},
{
    companyName: 'Axos',
    email: 'Akash.Kumar@Axos.com',
    companyLogo: 'assets/logos/dlogo.svg',
    userLogo: 'assets/1.svg',
    isLoggedIn: false,
},
];

```

```

get iconsTabs(): TabItem[] {
    return this.baseIconsTabs.map((tab) => ({
        ...tab,
        active: tab.id === this.activeTabId,
    }));
}

```

```

get getIconColor(): string {
    return '#000';
}

```

```

onTabChange(event: any) {
    this.activeTabId = event.id;
}

```

```

onGraphIconClick() {
    console.log('Graph Icon Clicked');
}

```

```
onTranslateIconClick() {
  console.log('Translate Icon Clicked');
}

onDayLightModeIconClick() {
  console.log('Day Light Mode Icon Clicked');
}

getLoggedInUserLogo(): string {
  const loggedInAccount = this.accounts.find((account) => account.isLoggedIn);
  return loggedInAccount ? loggedInAccount.userLogo : 'assets/1.svg';
}
```

Displays a clean header without the search bar—suitable for content-focused layouts or authenticated user dashboards.

Mobile View

```
<aava-header containerClass="">
  <div left-content class="header__left">
    <aava-icon
      class="menu-toggle"
      iconName="Menu"
      [iconSize]="24"
      iconColor="#000"
      (click)="toggleMenuDropdown() "
    ></aava-icon>

    <div class="menu-dropdown" [class.open]="isMenuOpen">
      <div class="dropdown-logo">
        
      </div>

      <div class="search-box dropdown-search">
        <aava-icon
          iconName="search"
          [iconSize]="16"
          iconColor="#000"
        ></aava-icon>
        <input
          type="text"
          [(ngModel)]="searchText"
          (input)="onSearchChange() "
          placeholder="Search"
        />
      </div>

      <div class="dropdown-tabs">
        <aava-tabs
          [tabs]="iconsTabs"
          [activeTabId]="activeTabId"
          variant="default"
          size="sm"
          [showContentPanels]="false"
          orientation="vertical"
          (tabChange)="onTabChange($event) "
        >
        </aava-tabs>
      </div>
    </div>
  </div>
</div>

<div right-content class="header__right">
  <aava-icon
    class="icon"
    iconName="Sun"
    [iconSize]="20"
    [iconColor]="getIconColor"
    (click)="onGraphIconClick() "
  ></aava-icon>

  <aava-icon
    class="icon"
    iconName="Languages"
    [iconSize]="20"
    [iconColor]="getIconColor"
    (click)="onTranslateIconClick() "
  ></aava-icon>
```

```

<aava-avatars
  size="md"
  shape="square"
  [imageUrl]="getLoggedInUserLogo()"
  badgeState="information"
  badgeSize="lg"
  [badgeCount]="9"
></aava-avatars>

<aava-icon
  class="icon"
  iconName="EllipsisVertical"
  [iconSize]="20"
  [iconColor]="getIconColor"
  (click)="onDayLightModeIconClick()"
></aava-icon>
</div>
</aava-header>

---

logoUrl: string = "assets/asc-logo.png";
searchText = "";
isDropdownOpen = true;
activeTabId: string = "overview";
isMenuOpen = false;

private baseIconsTabs: DemoTabItem[] = [
  {
    id: 'tab1',
    label: 'Tab1',
    content: 'Content 1',
    iconName: 'chevron-right',
  },
  {
    id: 'tab2',
    label: 'Tab2',
    content: 'Content 2',
    iconName: 'chevron-right',
  },
  {
    id: 'tab3',
    label: 'Tab3',
    content: 'Content 3',
    iconName: 'chevron-right',
  },
  {
    id: 'tab4',
    label: 'Tab4',
    content: 'Content 4',
    iconName: 'chevron-right',
  },
];
accounts = [
  {
    companyName: 'ASCENDION',
    email: 'Jhon.Stark@Ascendion.com',
    companyLogo: 'assets/logos/dlogo.svg',
    userLogo: 'assets/1.svg',
  }
];

```

```

        isLoggedIn: true,
    },
    {
        companyName: 'Axos',
        email: 'Akash.Kumar@Axos.com',
        companyLogo: 'assets/logos/dlogo.svg',
        userLogo: 'assets/1.svg',
        isLoggedIn: false,
    },
];

get getIconColor(): string {
    return '#000';
}

get iconsTabs(): TabItem[] {
    return this.baseIconsTabs.map((tab) => ({
        ...tab,
        active: tab.id === this.activeTabId,
    }));
}

onSearchChange() {
    console.log('Search text changed:', this.searchText);
}

toggleMenuDropdown() {
    this.isMenuOpen = !this.isMenuOpen;
}

onDayLightModeIconClick() {
    console.log('Day Light Mode Icon Clicked');
}

onTranslateIconClick() {
    console.log('Translate Icon Clicked');
}

onGraphIconClick() {
    console.log('Graph Icon Clicked');
}

onTabChange(event: any) {
    this.activeTabId = event.id;
}

getSortedAccounts() {
    return this.accounts.sort((a, b) =>
        a.isLoggedIn === b.isLoggedIn ? 0 : a.isLoggedIn ? -1 : 1
    );
}

getLoggedInUserLogo(): string {
    const loggedInAccount = this.accounts.find((account) => account.isLoggedIn);
    return loggedInAccount ? loggedInAccount.userLogo : 'assets/1.svg';
}

```

Responsive version optimized for smaller screens, with collapsed or hidden center content and accessible mobile actions.

Content Layouts

Layout Patterns

- Logo + Navigation + Actions - Traditional header with main navigation
- Logo + Search + User Menu - Application header with search functionality
- Minimal Logo + Navigation - Clean, simple header design

Responsive Behavior

Responsive Breakpoints

- Above 1440px : Full three-column layout
- Below 1440px : Center section with visual separator, right section pinned
- Below 1280px : Center section hidden, simplified mobile layout

Features

Three-Column Layout System

- Left Content : Typically for logos, brand elements, or primary navigation
- Center Content : Main navigation, search bars, or secondary content
- Right Content : User actions, notifications, or tertiary navigation

Content Projection

- Uses Angular content projection with left-content , center-content , and right-content selectors
- Flexible content placement without component restrictions
- Easy customization and styling

Theme System

- Light, dark, and transparent theme variants
- Consistent color schemes across themes
- Easy theme switching and customization

Responsive Design

- Automatic layout adjustments based on screen size
- Visual separators that appear/disappear appropriately
- Mobile-optimized layouts

Custom Styling

- containerClass input for additional CSS classes
- Flexible styling through content projection
- CSS custom properties for theme customization

API Reference

Input Properties

Property	Type	Default	Description
theme	'light' 'dark' 'transparent'	'light'	Header theme variant
containerClass	string	"	Additional CSS classes for the header container

Content Projection Selectors

Selector	Description
[left-content]	Left section content (logo, brand)
[center-content]	Center section content (navigation, search)
[right-content]	Right section content (actions, user menu)

Best Practices

Content Organization

- Left Section : Place logos, brand names, or primary navigation
- Center Section : Use for main navigation menus or search functionality
- Right Section : Include user actions, notifications, or secondary navigation

Responsive Considerations

- Design for mobile-first approach
- Ensure center content gracefully hides on smaller screens
- Test layout behavior across different breakpoints

Theme Usage

- Light Theme : Standard applications, content-heavy pages
- Dark Theme : Dashboard applications, media-focused interfaces
- Transparent Theme : Hero sections, overlay headers, landing pages

Accessibility

- Ensure sufficient color contrast in all themes
- Provide clear navigation structure
- Use semantic HTML elements within content sections

Styling

The header component uses CSS Grid and Flexbox for layout management with:

- Automatic spacing and alignment
- Responsive breakpoints with CSS media queries
- Theme-based color schemes
- Visual separators for center content
- Smooth transitions and animations